

INNOPOL® PP CS 2-9522 T15SR

Polypropylene Impact Copolymer

Inno-Comp Ltd.

Message:

INNOPOL® CS 2-9522 T15SR is a 15% mineral-filled, elastomer-modified compound based on polypropylene block-copolymer. This grade is available in nature and custom coloured form.

Recommended application

INNOPOL® CS 2-9522 T15SR is developed for producing injection moulded automotive interior- components where the required property is a good scratch resistance besides excellent processability.

General Information			
Filler / Reinforcement	Mineral filler, 15% filler by weight		
Features	Block Copolymer		
	Workability, good		
	Scratch resistance		
Uses	Application in Automobile Field		
	Car interior parts		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Resin ID (ISO 1043)	PP/PE TD15		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.01	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1600	MPa	ISO 527-2/1
Tensile Stress (Yield)	19.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	4.5	%	ISO 527-2/50
Flexural Modulus ¹	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	4.0	kJ/m ²	ISO 179/1eA
23°C	22	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Injection	Nominal Value	Unit	

Drying Temperature	80.0	°C
Drying Time	2.0	hr
Suggested Max Moisture	0.070	%
Rear Temperature	190 - 240	°C
Middle Temperature	190 - 240	°C
Front Temperature	190 - 240	°C
Processing (Melt) Temp	210 - 250	°C
Mold Temperature	10.0 - 50.0	°C
Injection Rate	Moderate	

Injection instructions

Hold pressure: 30 - 100 % of actual injection pressure

NOTE

1. 2.0 mm/min

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